WHAT IS CLAIMED IS:

1. A mobile communication terminal for use in a cellular mobile communication system, comprising:

a circuit configured to acquire a first neighbor list from the first base station serving the mobile communication terminal in a standby mode, the first neighbor list storing data indicating first peripheral base stations existing near the first base station;

a memory configured to store the acquired first neighbor list;

a circuit configured to acquire, if the serving base station is changed in a standby mode from the first base station to a second base station, a second neighbor list from the second base station, the second neighbor list storing data indicating second peripheral base stations existing near the second base station;

a measurement circuit configured to measure, when the second base station is serving the mobile communication terminal in a standby mode, communication quality between the mobile communication terminal and each of the second peripheral base stations listed in the acquired second neighbor list, and communication quality between the mobile communication terminal and each of the first peripheral base stations listed in the stored first neighbor list; and

a circuit configured to select, as a hand-off destination candidate, one of the first peripheral base

stations and the second peripheral base stations, which satisfies a preset condition, based on the measured communication quality.

2. The mobile communication terminal according to claim 1, wherein the memory stores the first neighbor list until a number of occasions in which selection for selecting the hand-off destination candidate is performed reaches a preset value.

3. The mobile communication terminal according to claim 1, wherein the memory stores the first neighbor list for a preset time.

4. The mobile communication terminal according to claim 1, wherein the measurement circuit measures reception quality of a pilot signal transmitted from each of the first and second peripheral base stations.

5. The mobile communication terminal according to claim 1, wherein the measurement circuit measures the communication quality between the mobile communication terminal and each of the second peripheral base stations listed in the acquired second neighbor list, the measurement circuit also measuring the communication quality between the mobile communication terminal and those of the first peripheral base stations listed in the stored first neighbor list, which are obtained by excluding the first peripheral base stations doubly listed as the second peripheral base stations in the second neighbor list.

6. A mobile communication terminal for use in a cellular mobile communication system, comprising:

a circuit configured to acquire a first neighbor list from the first base station serving the mobile communication terminal in a standby mode, the first neighbor list storing data indicating first peripheral base stations existing near the first base station;

a memory configured to store the acquired first neighbor list;

a circuit configured to acquire, if the serving base station is changed in a standby mode from the first base station to a second base station, a second neighbor list from the second base station, the second neighbor list storing data indicating second peripheral base stations existing near the second base station;

a first measurement circuit configured to measure, when the second base station is serving the mobile communication terminal in a standby mode, communication quality between the mobile communication terminal and each of the second peripheral base stations listed in the acquired second neighbor list;

a first selection circuit configured to select, as a hand-off destination candidate, one of the second peripheral base stations, which satisfies a preset condition, based on the measured communication quality between the mobile communication terminal and each of the second peripheral base stations;

a second measurement circuit configured to measure the communication quality between the mobile communication terminal and each of the first peripheral base stations listed in the first neighbor list, if the second peripheral base stations do not satisfy the preset condition; and

a second selection circuit configured to select, as the hand-off destination candidate, one of the first peripheral base stations, which satisfies the preset condition, based on the measured communication quality between the mobile communication terminal and each of the first peripheral base stations.

7. The mobile communication terminal according to claim 6, wherein the memory stores the first neighbor list until a number of occasions in which selection for selecting the hand-off destination candidate is performed reaches a preset value.

8. The mobile communication terminal according to claim 6, wherein the memory stores the first neighbor list for a preset time.

9. The mobile communication terminal according to claim 6, wherein the first and second measurement circuits measure reception quality of a pilot signal transmitted from each of the first and second peripheral base stations.

10. The mobile communication terminal according to claim 6, wherein the second measurement circuit

measures the communication quality between the mobile communication terminal and those of the first peripheral base stations listed in the stored first neighbor list, which are obtained by excluding the first peripheral base stations doubly listed as the second peripheral base stations in the second neighbor list.

11. The mobile communication terminal according to claim 6, further comprising a search circuit configured to search, if the first peripheral base stations do not satisfy the preset condition, an unspecified number of peripheral base stations for a peripheral base station having communication quality which satisfies the present condition.

12. A control unit incorporated in a mobile communication terminal for use in a cellular mobile communication system, the mobile communication terminal also incorporating a radio unit configured to transmit and receive radio signals to and from base stations, the radio unit being connected to the control unit, the control unit comprising:

a first reception control section configured to make the radio unit to receive a first neighbor list from the first base station serving the mobile communication terminal in a standby mode, the first neighbor list storing data indicating first peripheral base stations existing near the first base station;

a memory configured to store the received first neighbor list;

a second reception control section configured to make the radio unit to receive, if the serving base station is changed in a standby mode from the first base station to a second base station, a second neighbor list from the second base station, the second neighbor list storing data indicating second peripheral base stations existing near the second base station;

a measurement control section configured to measure, when the second base station is serving the mobile communication terminal in a standby mode, communication quality between the mobile communication terminal and each of the second peripheral base stations listed in the acquired second neighbor list, and communication quality between the mobile communication terminal and each of the first peripheral base stations listed in the stored first neighbor list, measurement of the communication quality being performed based on the signals received by the radio unit; and

a selection section configured to select, as a hand-off destination candidate, one of the first peripheral base stations and the second peripheral base stations, which satisfies a preset condition, based on the measured communication quality.

13. A control unit incorporated in a mobile

communication terminal for use in a cellular mobile communication system, the mobile communication terminal also incorporating a radio unit configured to transmit and receive radio signals to and from base stations, the radio unit being connected to the control unit, the control unit comprising:

a first reception control section configured to make the radio unit to receive a first neighbor list from the first base station serving the mobile communication terminal in a standby mode, the first neighbor list storing data indicating first peripheral base stations existing near the first base station;

a memory configured to store the received first neighbor list;

a second reception control section configured to make the radio unit to receive, if the serving base station is changed in a standby mode from the first base station to a second base station, a second neighbor list from the second base station, the second neighbor list storing data indicating second peripheral base stations existing near the second base station;

a first measurement control section configured to measure, when the second base station is serving the mobile communication terminal in a standby mode, communication quality between the mobile communication terminal and each of the second peripheral base stations listed in the acquired second neighbor list,

based on the signal received by the radio unit;

a first selection section configured to select, as the hand-off destination candidate, one of the second peripheral base stations which satisfies a preset condition, based on the communication quality measured by the first measurement control section;

a second measurement control section configured to measure, if the second peripheral base stations do not satisfy the preset condition, communication quality between the mobile communication terminal and each of the first peripheral base stations listed in the stored first neighbor list, based on the signal received by the radio unit; and

a second selection control section configured to select, as the hand-off destination candidate, one of the first peripheral base stations which satisfies the preset condition, based on the communication quality measured by the second measurement control section.